

COURSE OUTLINE

MSFT-936

Creating and Managing a Web Server Using Microsoft Internet Information Server 4.0

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This instructor-led course teaches students how to support the various features of Microsoft® Internet Information Server (IIS). Students will learn how to install, configure, and implement all components that comprise IIS. They will also have hands-on experience setting up a Web site. (3 hours lecture, 1 hour lab)

Overall Course Objectives

Upon completion of this course, the student will be able to:

1. List and describe the key features of Microsoft Internet Information Server version 4.0.
2. Install IIS on an Intel-based computer platform running Microsoft Windows NT® Server network operating system version 4.0.
3. Configure IIS using the Internet Service Manager snap-in for Microsoft Management Console and hypertext markup language (HTML)-based administration tools.
4. Explain the major architectural components that comprise IIS.
5. Establish WWW Service, FTP Service, SMTP Service, and NNTP Service.
6. Implement Windows NT Server and IIS security features.
7. Explain and implement Secure Sockets Layer (SSL) 3.0 authentication to a Web site running on IIS.
8. Add virtual servers and directories hosted on IIS.
9. Enhance a Web site hosted on IIS with active server pages.
10. Index a Web site with Microsoft Index Server version 2.0.
11. Explain and configure Microsoft Transaction Server.
12. Analyze and manage Web sites with Microsoft Site Server Express.

Major Topics

- I. Introduction to Microsoft Internet Information Server 4.0
- II. Setting Up IIS 4.0

- III. Using IIS Management
- IV. Understanding IIS Architecture
- V. Implementing Microsoft WWW Service
- VI. Implementing Microsoft FTP Service
- VII. Establishing Microsoft SMTP Service
- VIII. Establishing Microsoft NNTP Service
- IX. Implementing IIS 4.0 Security Features for Your Web Server
- X. Understanding Microsoft Certificate Server
- XI. Adding Active Server Page Elements
- XII. Indexing Web Sites
- XIII. Understanding Microsoft Transaction Server
- XIV. Analyzing Web Sites Using Microsoft Site Server Express

About Microsoft Curriculum at HCC

When a student takes a Microsoft course at HCC, that student usually receives more instruction time than they would receive in other formats. Therefore, while taking Microsoft courses at HCC, the student may expect not only instruction from Microsoft materials but additional academic and practical exercises and course work to better equip the student not only for the corresponding certification exam but for eventual utilization in their professional endeavors.

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following: two quizzes or exams and one lab activity.

Other Course Information

This course is a Network Administration core course.

This course is also intended for students who wish to become a Microsoft Certified Systems Engineer (MCSE).